

a recording medium for recording charging data used for charging for said object data and recognition data used for recognition of the object data, and

a data charging apparatus for charging for the use of said object data by using said charging data and said recognition data which have been recorded;

wherein said data charging apparatus comprises:

data reading logic for reading out said recognition data and said charging data from said recording medium,

a separator for separating said object data from said contents,

a recognition logic for recognizing said separated object data by using said recognition data which has been read out,

an accounting logic for dynamically charging for the use of said recognized object data by using said charging data which has been read out, and

a writing logic for writing, as said charging data, the results of charging for the use of said recognized object data into said recording medium.

2. (Twice Amended) A content generator for embedding digital watermarks in object data and generating contents in a data charging system which records, on a recording medium, charging data used for charging for object data contained in said contents and recognition data used for recognizing the object data and dynamically charges only for the use of the object data embedded with said digital watermarks by using said charging data and said recognition data which have been recorded.

3. (Twice Amended) In a data charging system which records, on a recording medium, charging data used for charging for object data contained in contents and recognition data used for recognizing the object data and charges for the use of said object data by using said charging data and said recognition data which has been recorded,

a data charging apparatus comprising:

a data reading logic for reading said recognition data and said charging data from said recording medium,

a separator for separating said object data from said contents,

a recognition logic for recognizing said separated object data by using said recognition data read out,

an accounting logic for dynamically charging for the use of said recognized object data by using said charging data which has been read out, and

a writing logic for writing, as said charging data, the results of charging for the use of said recognized object data into said recording medium.

10. (Twice Amended) A data charging method for generating contents which contain object data and recognition data used for the recognition of this object data, recording charging data used for charging for said object data and the recognition data used for recognition of the object data, and charging for the use of said object data by using said charging data and said recognition data which have been recorded, comprising the steps of:

reading said recognition data and said charging data from said recording medium,

separating said object data from said contents,

recognizing said separated object data by using said recognition data which has been read out,

dynamically charging for the use of said recognized object data by using said charging data which has been read out; and
writing, as said charging data, the results of charging for the use of said recognized object data into said recording medium.

13. (Twice Amended) In a data charging apparatus of a data charging system which records, on a recording medium, charging data used for charging for object data contained in contents and recognition data used for recognition of the object data, and charges for the use of said object data by using said charging data and said recognition data which have been recorded;

a computer program product enabling a computer to execute the steps of:
reading said recognition data and said charging data from the recording medium,
separating said object data from said contents,
recognizing said separated object data by using said recognition data which has been read out,

dynamically charging for the use of said recognized object data by using said charging data which has been read out, and
writing, as said charging data, the results of charging for the use of said recognized object data into said recording medium.